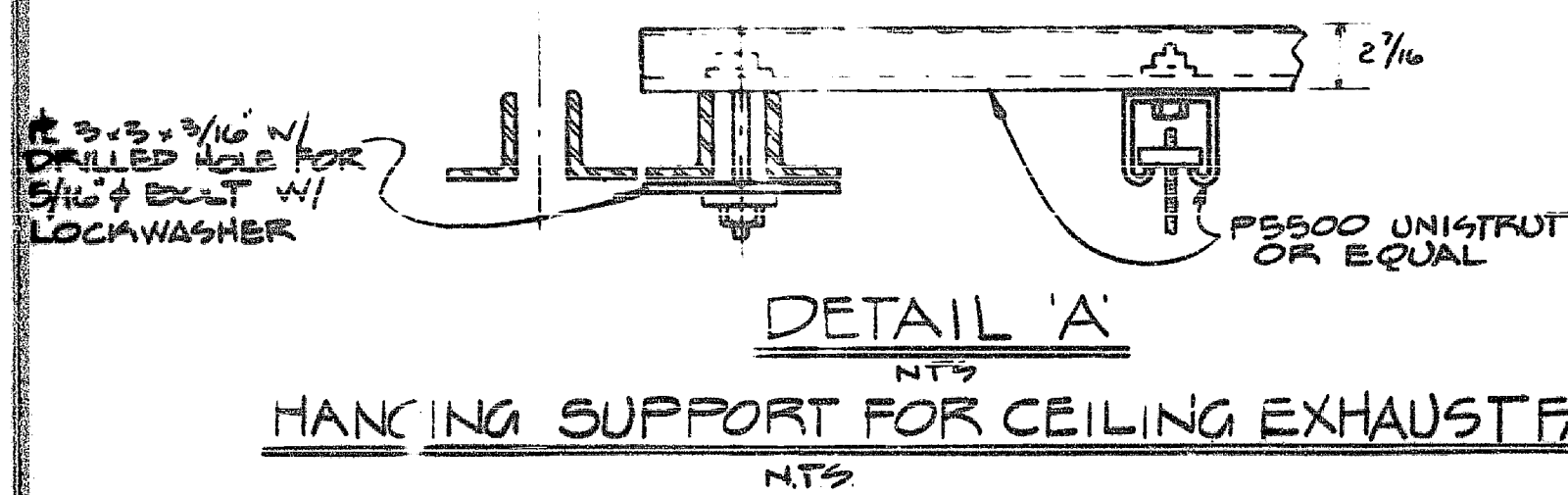
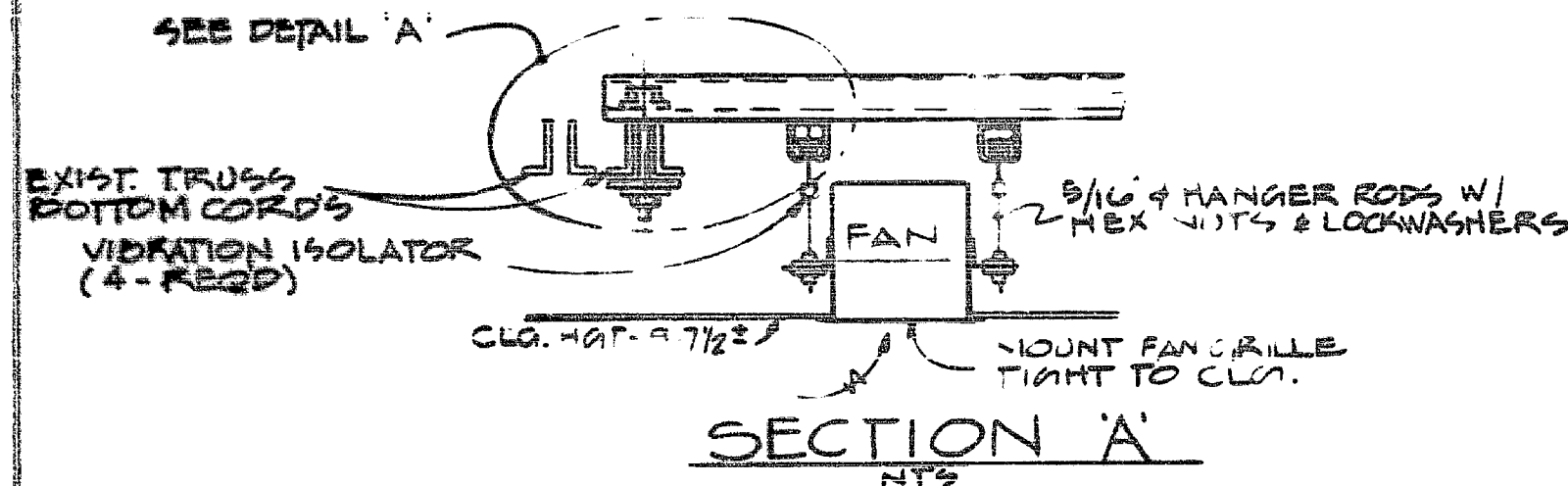
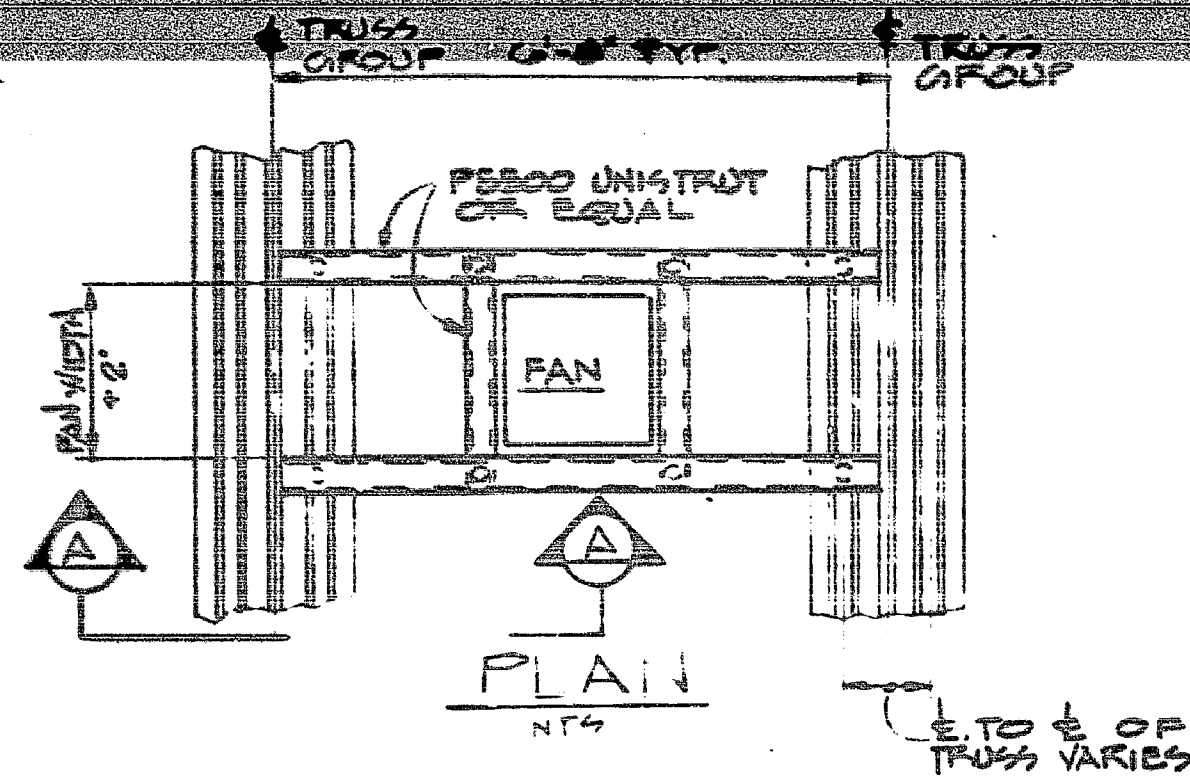


213-222
577.381
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ALERO CORP
11-5 1/29/81

NO. OF SHEETS

LEGEND

	NEW OR RELOCATED DOUBLE POUCH		NEW FIRE DAMPER & ACCESS DOOR
	EXIST. DOUBLE POUCH		EXIST. FIRE DAMPER & ACCESS DOOR
	EXIST. DOUBLE POUCH (REMOVE)		VOLUME DAMPER
	NEW OR RELOCATED SINGLE POUCH		MOTORIZED DAMPER
	EXIST. SINGLE POUCH		CAP EXIST. DUCT, SEAL AIR TIGHT
	EXIST. SINGLE POUCH (REMOVE)		NEW PNEUMATIC CONTROL TUBING
	NEW DUCTWORK		EXIST. PNEUMATIC CONTROL TUBING
	EXIST. DUCTWORK		EXIST. PNEUMATIC CONTROL TUBING (REMOVE)
	EXIST. DUCTWORK (REMOVE)		THROAT SIZE (SPLIT)
	NEW FLEXIBLE CONNECTOR (DUCT OR PIPE)		NO. OF CFM (BALANCE)
	EXIST. FLEXIBLE CONNECTOR (DUCT OR PIPE)		PRIMARY AIR
	EXIST. FLEXIBLE CONNECTOR (REMOVE)		LINEAR DIFFUSER
	NEW FULL CAPACITY INDUCTION UNIT		LINEAR GRILLE
	EXIST. FULL CAPACITY INDUCTION UNIT		TRANSFER DUCT
	NEW ONE & ONE HALF CAPACITY INDUCTION UNIT		TRANSFER GRILLE
	EXIST. ONE & ONE HALF CAPACITY INDUCTION UNIT		TRANSFER FAN
	EXIST. FULL CAPACITY INDUCTION UNIT, ADJUST TO HALF CAPACITY		TOP REGISTER
	EXIST. FULL CAPACITY INDUCTION UNIT, OPERATIVE AT HALF CAPACITY		BRITISH THERMAL UNIT
	NEW CEILING DIFFUSER		CUBIC FEET PER MINUTE
	CEILING DIFFUSER - 3-WAY BLOW		GALLONS PER MINUTE
	CEILING DIFFUSER - 2-WAY BLOW		REVOLUTIONS PER MINUTE
	NEW CEILING GRILLE OR REGISTER		STATIC PRESSURE
	EXIST. CD, CG, OR CR (REMOVE)		HORSE POWER
	NEW THERMOSTAT		EACH
	EXIST. THERMOSTAT		NOT IN CONTRACT
	EXIST. THERMOSTAT (REMOVE)		NOT TO SCALE
	NEW FAN SWITCH		NECK
	EXIST. FAN SWITCH		EQUAL SPLIT
	EXIST. FAN SWITCH (REMOVE)		TURNING VANES
	NEW SMOKE DETECTOR		DIAMETER
	EXIST. SMOKE DETECTOR		SQUARE FOOT
	EXIST. SMOKE DETECTOR (REMOVE)		COOLING COIL
	1" (INCH) UNDERCUT DOOR		HEATING COIL
	1 1/2" (INCH) UNDERCUT DOOR		REHEAT COIL
	1 SQUARE FOOT LOUVERED DOOR (FREE AREA)		EXIST. PIPING
	2 SQUARE FOOT LOUVERED DOOR (FREE AREA)		AUXILLIARY COOLING WATER SUPPLY (NEW)
	NEW CONTROLLER (AC UNIT)		AUXILLIARY COOLING WATER RETURN (NEW)
	CEILING EXHAUST FAN		GATE VALVE
			REDUCER, CONCENTRIC
			REDUCER, ECCENTRIC STRAIGHT INVERT
			STRAINER W/ BLOW-DOWN VALVE
			UNION
			PRESSURE GAUGE W/ GAUGE VALVE
			THERMOMETER
			PLUG VALVE
			AUTOMATIC CONTROL VALVE
			AIR VENT WITH COCK

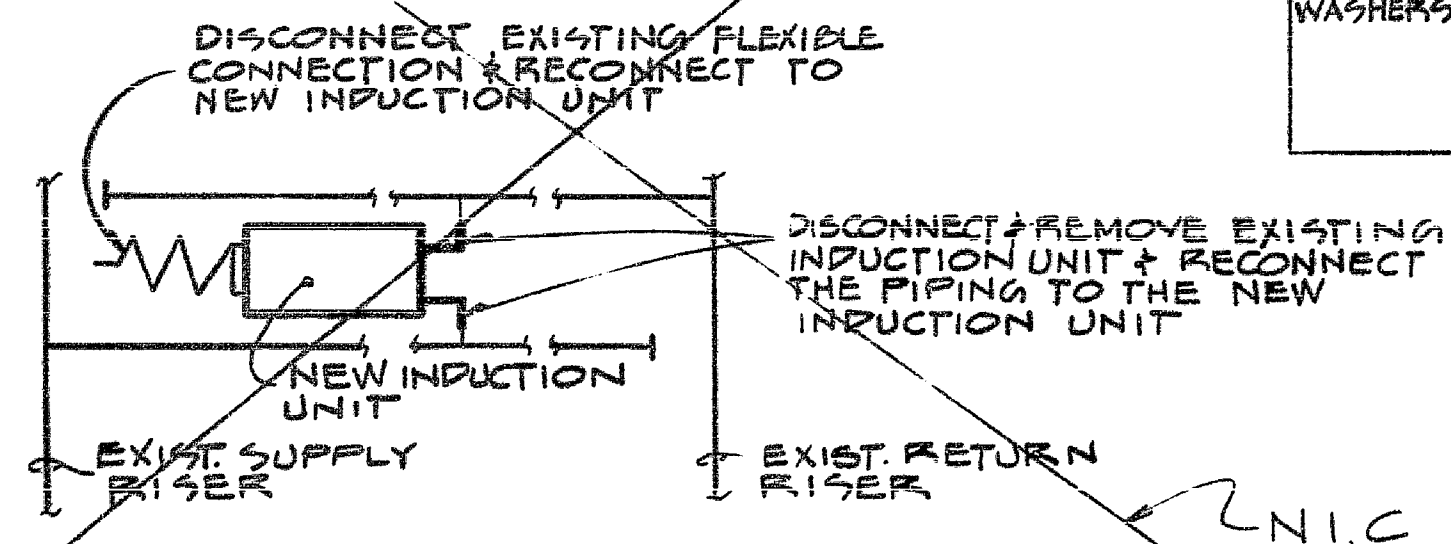


HANGING SUPPORT FOR CEILING EXHAUST FAN

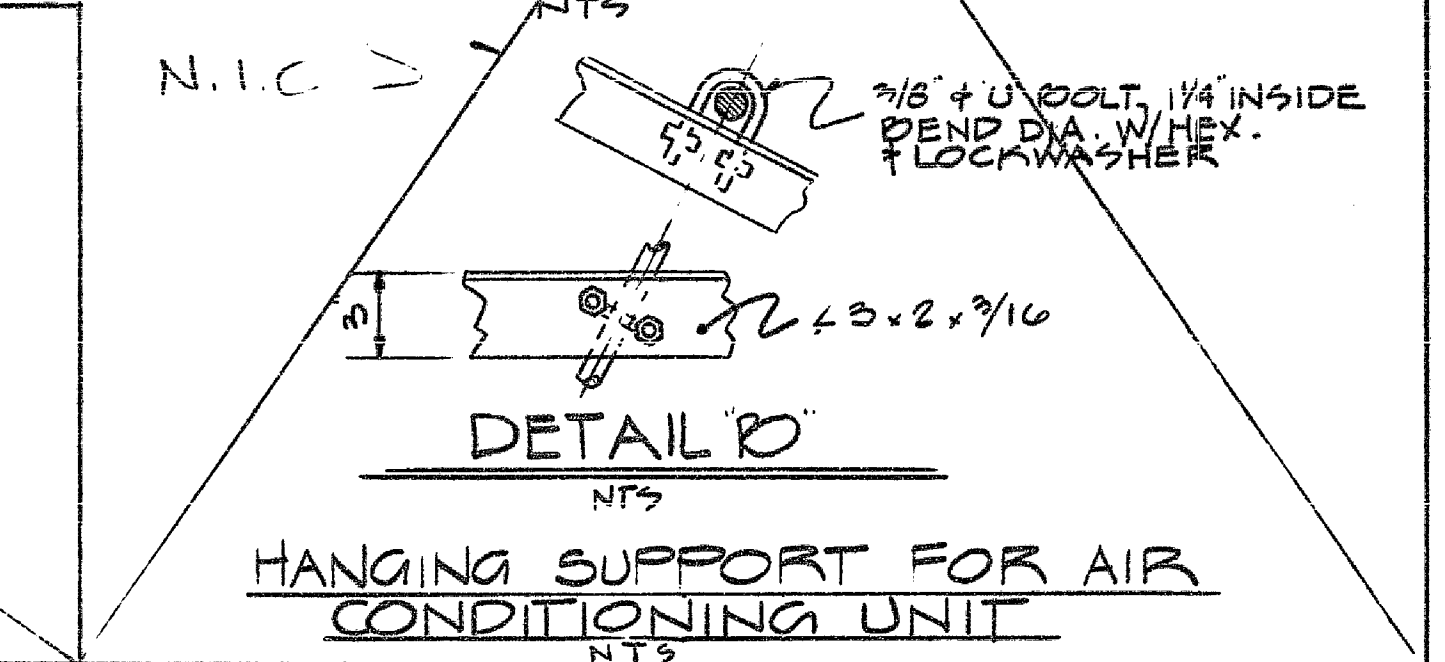
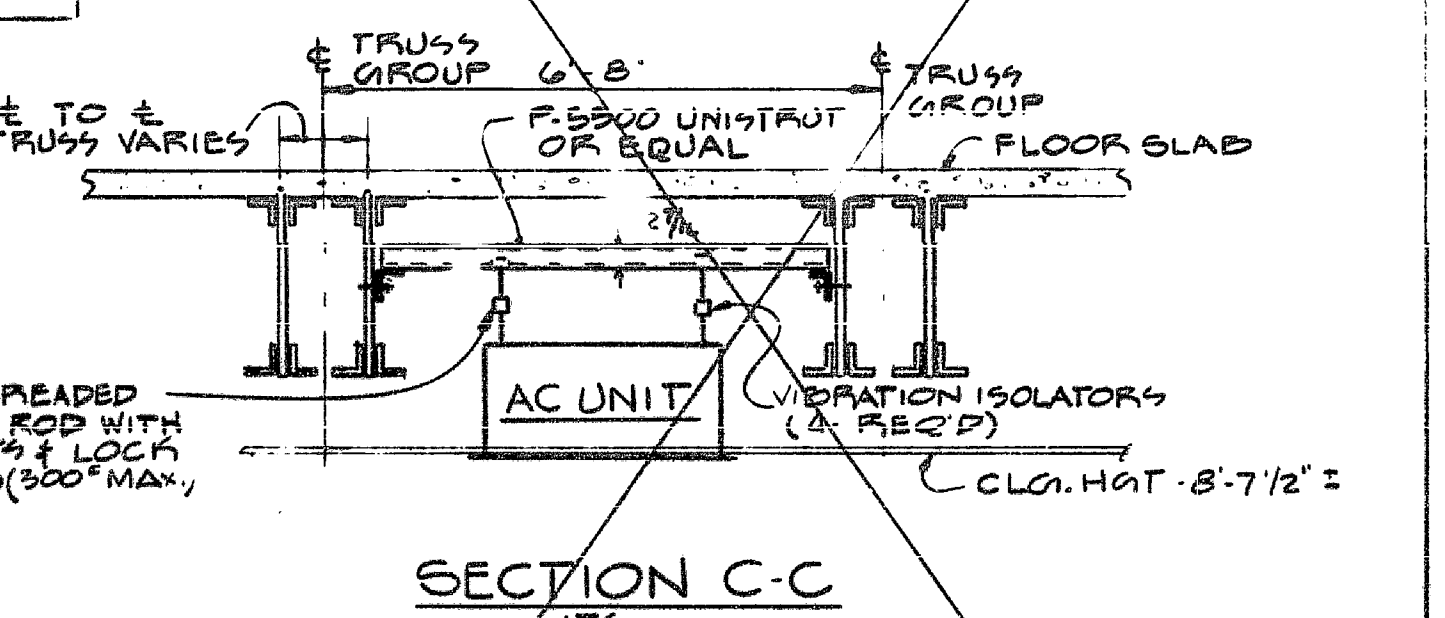
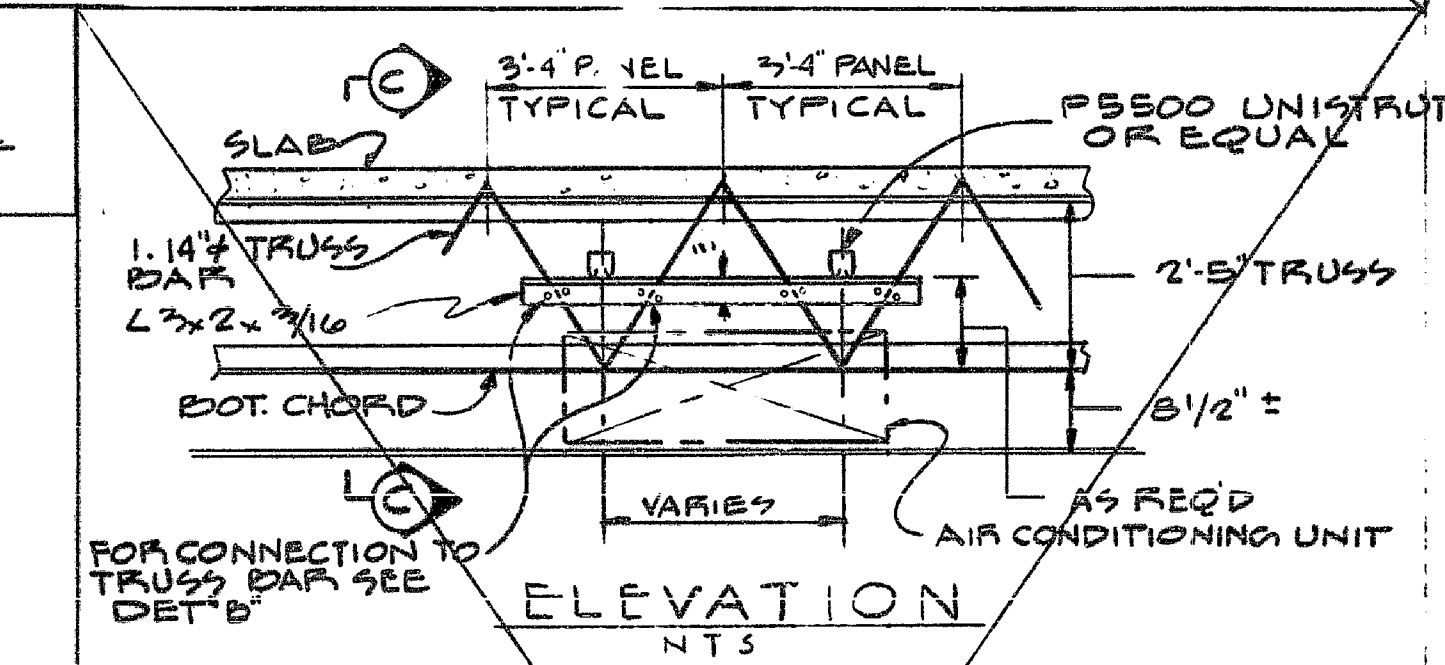
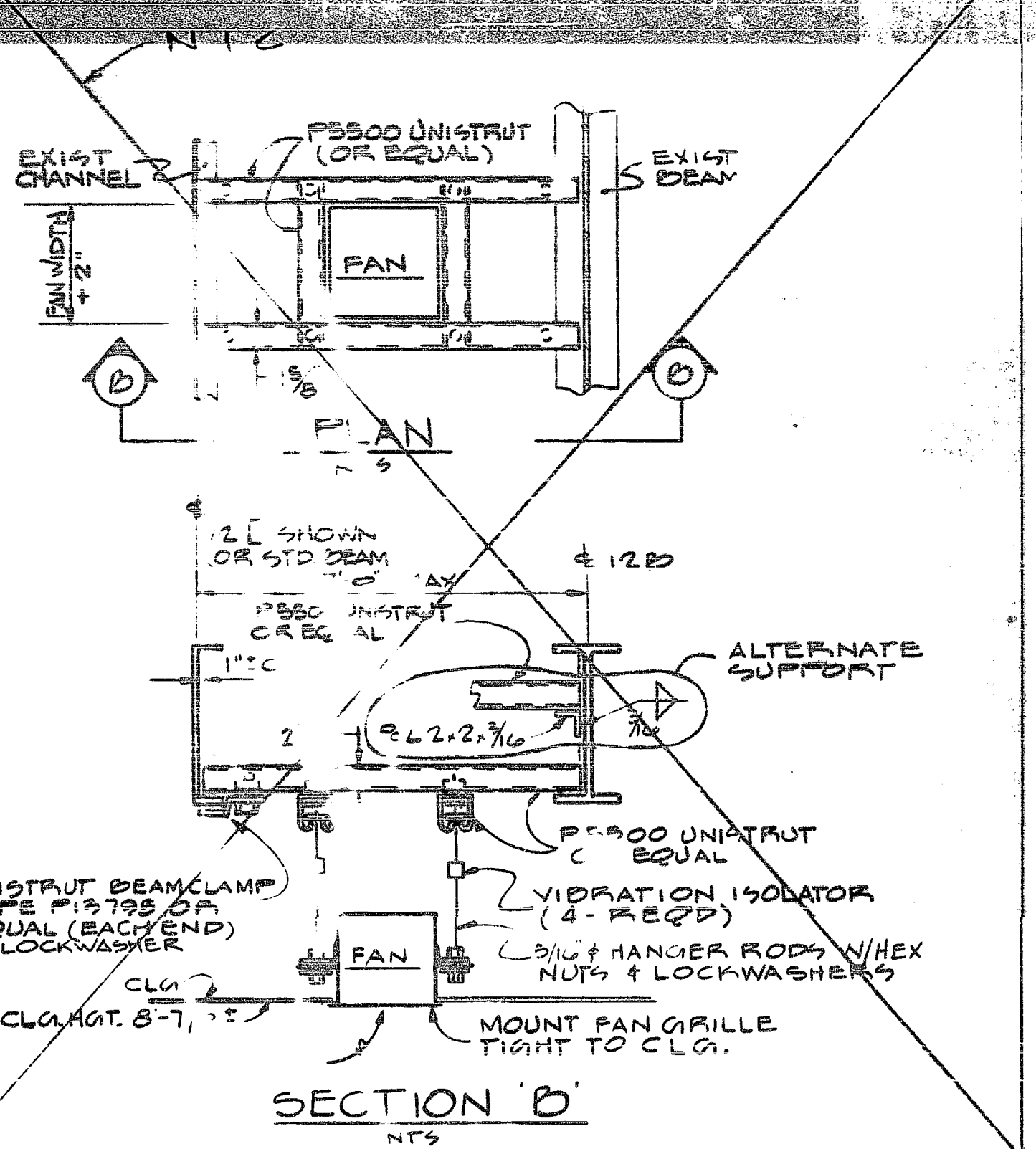
FAN SCHEDULE (CEF)										
NO.	SR.	HP	RPM	CFM	AMP	MODEL NO.	GRILLE SIZE	TS	WT.	LOCATION
1 & 2	.09	1/19	1530	553	2.1	9F-27	13 1/2" x 19 1/2"	31		CONF. RM'S 'A' & 'B'

115V, 1φ, 60 HZ

INDUCTION UNIT SCHEDULE					
TYPE NO.	CFM	COOLING BTU'S	HEATING BTU'S	SECONDARY WATER GPM	MODEL NO.



SCHEMATIC PIPING CONNECTIONS TO NEW INDUCTION UNITS
NOMINAL COPPER PIPE SIZES
NO SCALE



HANGING SUPPORT FOR AIR CONDITIONING UNIT

REVISIONS					
NO.	DATE	APPD.	DESCRIPTION	NO.	DATE

THE PORT AUTHORITY OF NY & NJ
THE WORLD TRADE CENTER
TOWER A - 98TH FLOOR
ALERO CORP

MECHANICAL
STANDARD LEGEND, DETAILS
AND SCHEDULES
SCALE: NONE
CONTRACT NO. WTC 577.381
DRAWING NO. M-3